

Amendments to the Claims:

Please amend claim 28 as follows. Please cancel claims 1-27 without prejudice to continued prosecution. The claims and their status are shown below.

1-27. (Canceled)

28. (Currently Amended) A method for ~~transplanting~~ ~~conditioning~~ a recipient with bone marrow transplantation comprising subjecting said recipient to a total dose of total body irradiation from 100 to 700 cGy, and infusing the recipient with ~~[[a]]~~ donor bone marrow cell preparation containing hematopoietic stem cells from the donor between 1 ~~[[0]]~~ and 5 ~~[[8]]~~ days following total body irradiation.

29. (Original) The method of claim 28, wherein said dose of total body dose irradiation is from 100 to 500 cGy and infusion occurs between 1 and 5 days following total body irradiation.

30. (Original) The method of claim 28, wherein said dose of total body does irradiation is from 100 to 300 cGy and infusion occurs between 1 and 3 days following total body irradiation.